WEST Search History

DATE: Tuesday, March 25, 2003

Set Nai	me Query ide	Hit Count	Set Name result set
DB	USPT,PGPB,JPAB,EPAB,DWPI; PLUR_YES; OP~ADJ		
L1	polyethylene or poly ethylene or (polymer with ethylene) or (copolymer with ethylene)	625988	Ll
L2	L1 with (high density or HDPE)	38424	L2
L3	L2 same (high molecular weight or (higher near3 molecular weight))	1802	L3
L4	L3 same (low molecular weight or (lower near3 molecular weight))	238	L4
L5	L2 same (high molecular weight or (higher near3 molecular weight) or HMV)	1802	L5
L6	L5 same (low molecular weight or (lower near3 molecular weight) or LMV)	238	L6
L7	L6 and (crack resistance or ESCR or stress resistance or stress strength)	33	L7
L8	L7 and (blend or mixture or blending or mixing or blended or mixed)	30	L8

END OF SEARCH HISTORY

WEST

Generate Collection

Print

Search Results - Record(s) 1 through 30 of 30 returned.

1. Document ID: US 20020161157 A1

L8: Entry 1 of 30

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161157

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020161157 A1

TITLE: Polyolefins and uses thereof

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Laurent, Etienne

Seneffe

BE

US-CL-CURRENT: 526/352

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
Draw Desc | Image |

KOMC

2. Document ID: US 20020156214 A1

L8: Entry 2 of 30

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156214

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020156214 A1

TITLE: Polyolefins and uses thereof

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Laurent, Etienne

Seneffe

BE

US-CL-CURRENT: 526/240; 526/348.5, 526/352

Full Title Citation Front Review Classification Date Reference Sequences Attachments Fram Desc Image

KMIC

3. Document ID: US 20020099140 A1

L8: Entry 3 of 30

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099140

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099140 A1

TITLE: Production of multimodal polyethylene

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY

RULE-47

Debras, Guy

Frasnes Lez Gosselies

BE

Razavi, Abbas

Mons

BE

Michel, Jacques

Feluy

BE

US-CL-CURRENT: 525/191; 525/240



KWIC

4. Document ID: US 20020065368 A1

L8: Entry 4 of 30

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065368

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020065368 A1

TITLE: Production of multimodal polyethylene

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY

RULE-47

Debras, Guy

Frasnes Lez Gosselies

BE

Razavi, Abbas

Mons

BE

Michel, Jacques

Feluy

BE

US-CL-CURRENT: 525/191; 525/240



KWIC

5. Document ID: US 20020045711 A1

L8: Entry 5 of 30

File: PGPB

Apr 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020045711

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020045711 A1

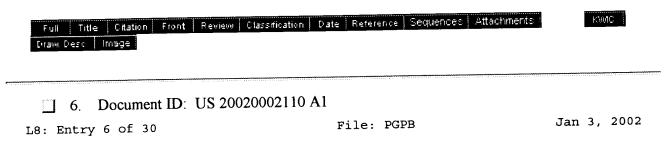
TITLE: Polymer composition for pipes

PUBLICATION-DATE: April 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Backman, Mats	Goteborg		SE	
Heino, Eeva-Leena	Helsingfors		FI	
Johansson, Solveig	Stenungsund	SE		
Laurell, Jussi	Borga		FI	
Lehtinen, Arja	Helsingfors		FI	
Lindroos, Jarmo	Tolkkinen		FI	
Ora, Marja	Vantaa		FI	
Ribarits, Elisabeth	Spekerod	SE		
Sihvonen, Teija	Borga		FI	
Aarila, Jari	Borga		FI	

US-CL-CURRENT: 525/240



PGPUB-DOCUMENT-NUMBER: 20020002110

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020002110 A1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Debras, Guy L.

Frasnes-Les-Gosselies

BE

US-CL-CURRENT: 502/210



7. Document ID: US 20020002109 A1

L8: Entry 7 of 30

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020002109

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020002109 A1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME CITY

STATE COUNTRY

RULE-47

Debras, Guy L.

Frasnes-Les-Gosselies

BE

US-CL-CURRENT: 502/208; 502/210, 502/242, 502/256, 502/309, 502/350

■ 8. Document ID: US 6518375 B1

L8: Entry 8 of 30

File: USPT

Feb 11, 2003

US-PAT-NO: 6518375

DOCUMENT-IDENTIFIER: US 6518375 B1

TITLE: Catalyst for the production of ethylene polymer and process for producing

ethylene polymer

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Monoi; Takashi

Ohita

JP

Ikeda; Haruhiko

Ohita

JP

Torigoe; Hidenobu

Ohita

JP

US-CL-CURRENT: 526/104; 502/104, 502/152, 502/232, 502/240, 502/254, 526/352, 526/89, 526/95

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KY6/JC

9. Document ID: US 6518215 B1

L8: Entry 9 of 30

File: USPT

Feb 11, 2003

US-PAT-NO: 6518215

DOCUMENT-IDENTIFIER: US 6518215 B1

TITLE: Polymerization catalysts, their production and use

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Bamberger; Robert Lee

Crosby

ТX

Jejelowo; Moses Olukayode

Kingwood

TX

US-CL-CURRENT: 502/113; 502/103, 502/117, 502/129, 502/152, 526/118, 526/119

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KNOC

10. Document ID: US 6489428 B1

L8: Entry 10 of 30

File: USPT

Dec 3, 2002

US-PAT-NO: 6489428

DOCUMENT-IDENTIFIER: US 6489428 B1

TITLE: Titanated chromium-based catalysts to produce polyethylene

Beloeil

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

Dath; Jean-Pierre

CITY NAME

COUNTRY STATE ZIP CODE

Frasnes Lez Gosselies Debras; Guy

BE BE

US-CL-CURRENT: 526/352; 502/103, 502/232, 502/240, 502/242, 502/254, 502/256,

526/104, 526/106, 526/348, 526/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments: Draw Desc Image

11. Document ID: US 6482901 B1

L8: Entry 11 of 30

File: USPT

Nov 19, 2002

US-PAT-NO: 6482901

DOCUMENT-IDENTIFIER: US 6482901 B1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME

STATE

ZIP CODE COUNTRY

Debras; Guy L

Frasnes-les-Gosselies

BE

US-CL-CURRENT: 526/113; 502/113, 526/116, 526/130, 526/154, 526/348, 526/352

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

12. Document ID: US 6479589 B2

L8: Entry 12 of 30

File: USPT

Nov 12, 2002

US-PAT-NO: 6479589

DOCUMENT-IDENTIFIER: US 6479589 B2

TITLE: Production of multimodal polyethylene

DATE-ISSUED: November 12, 2002

INVENTOR-INFORMATION:

CITY NAME

STATE ZIP CODE

COUNTRY

Debras; Guy

Frasnes Lez Gosselies

BEBE

Razavi; Abbas

Mons

BE

Michel; Jacques

Feluy

US-CL-CURRENT: 525/191; 525/240

__ 13. Document ID: US 6462135 B1

L8: Entry 13 of 30

File: USPT

Oct 8, 2002

US-PAT-NO: 6462135

DOCUMENT-IDENTIFIER: US 6462135 B1

TITLE: Low-odor polyethylene blends

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY CITY NAME DE Speyer Rohde; Wolfgang DE Ludwigshafen Bauer; Peter DE Lilge; Dieter Limburgerhof DE Lux; Martin Dannstadt-Schauernheim DE de Lange; Paulus Limburgerhof DE Worms Funk; Guido

US-CL-CURRENT: 525/191; 264/331.11, 428/35.7, 428/500, 525/240

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Desc image

14. Document ID: US 6441096 B1

L8: Entry 14 of 30

File: USPT

Aug 27, 2002

US-PAT-NO: 6441096

DOCUMENT-IDENTIFIER: US 6441096 B1

TITLE: Polymer composition for pipes

DATE-ISSUED: August 27, 2002

TNVENTOR - INFORMATION:

THARMACON THE ORGANIZATION.				
NAME	CITY	STATE	ZIP CODE	COUNTRY
Backman; Mats	Goteborg			SE
Heino; Eeva-Leena	Helsinki			FI
Johansson; Solveig	Stenungsund			SE
Laurell; Jussi	Borg.ang.			FI
Lehtinen; Arja	Helsinki			FI
Lindroos; Jarmo	Tolkkinen			FI
Ora; Marja	Vantaa			FI
Ribarits; Elisabeth	Spekerod			SE
Sihvonen; Teija	Borg.ang.			FI
Aarila; Jari	Borg.ang.			FI

US-CL-CURRENT: 525/240; 138/177, 138/DIG.7, 166/242.1

Draw Desc Image

15. Document ID: US 6433095 B1

L8: Entry 15 of 30

File: USPT

Aug 13, 2002

US-PAT-NO: 6433095

DOCUMENT-IDENTIFIER: US 6433095 B1

TITLE: High density multimodal polyethylene

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Laurent; Etienne

Seneffe

ΒE

US-CL-CURRENT: 525/240; 525/319, 525/324

Full Title Citation Front Review Classification Date Reference Sequences Attachments Drawi Desc Image

KNAAC

16. Document ID: US 6423663 B1

L8: Entry 16 of 30

File: USPT

Jul 23, 2002

US-PAT-NO: 6423663

DOCUMENT-IDENTIFIER: US 6423663 B1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

DATE-ISSUED: July 23, 2002

INVENTOR-INFORMATION:

Drawi Desc image

NAME

CITY

STATE ZIP CODE

COUNTRY

Debras; Guy L

Frasnes-Les-Grosselies

BE

US-CL-CURRENT: 502/208; 423/306, 502/210, 502/214, 502/239, 502/242, 502/256, 502/309, 502/349

Full Title Citation Front Review Classification Date Reference Sequences Attachments

17. Document ID: US 6384158 B1

L8: Entry 17 of 30

File: USPT

May 7, 2002

US-PAT-NO: 6384158

DOCUMENT-IDENTIFIER: US 6384158 B1

TITLE: Polymerization catalysts, their production and use

DATE-ISSUED: May 7, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Bamberger; Robert Lee

Crosby TX

Jejelowo; Moses Olukayode

Kingwood

TX

US-CL-CURRENT: 526/114; 525/240, 526/113, 526/118, 526/119, 526/160, 526/943

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

☐ 18. Document ID: US 6346575 B1

L8: Entry 18 of 30

File: USPT

Feb 12, 2002

US-PAT-NO: 6346575

DOCUMENT-IDENTIFIER: US 6346575 B1

TITLE: Production of multimodal polythylene

DATE-ISSUED: February 12, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Debras; Guy

Frasnes Lez Gosselies

BE

Razavi; Abbas

Mons

BE

Michel; Jacques

Feluy

BE

US-CL-CURRENT: 525/191; 525/240

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Draw Desc | Image |

KMC

19. Document ID: US 6225253 B1

L8: Entry 19 of 30

File: USPT

May 1, 2001

US-PAT-NO: 6225253

DOCUMENT-IDENTIFIER: US 6225253 B1

TITLE: Titanated chromium/silica-aluminophosphate catalyst

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Debras; Guy

Frasnes-les-Gosselies

BE

US-CL-CURRENT: 502/214; 423/306, 502/210, 502/239, 502/242, 502/309, 502/349

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

KMC

___ 20. Document ID: US 6218472 B1

L8: Entry 20 of 30

File: USPT

Apr 17, 2001

US-PAT-NO: 6218472

DOCUMENT-IDENTIFIER: US 6218472 B1

TITLE: Production of multimodal polyethylene

DATE-ISSUED: April 17, 2001

INVENTOR-INFORMATION:

CITY NAME

STATE ZIP CODE

COUNTRY

Debras; Guy

Frasnes Lez Gosselies

BE

Razavi; Abbas

Mons

BE

Michel; Jacques

Feluy

ΒE

US-CL-CURRENT: 525/191; 525/240

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Deso Image

KMIC

21. Document ID: US 6200920 B1

L8: Entry 21 of 30

File: USPT

Mar 13, 2001

US-PAT-NO: 6200920

DOCUMENT-IDENTIFIER: US 6200920 B1

TITLE: Titanated chromium-based catalysts to produce polyethylene

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Debras; Guy

Frasnes Lez Gosselies

BE

Dath; Jean-Pierre

Beloeil

BE

US-CL-CURRENT: 502/103; 502/232, 502/240, 502/242, 502/254, 502/256, 526/106, 526/113, 526/348, 526/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments Graw Desc Image

22. Document ID: US 6194520 B1

L8: Entry 22 of 30

File: USPT

Feb 27, 2001

US-PAT-NO: 6194520

DOCUMENT-IDENTIFIER: US 6194520 B1

TITLE: Ethylene polymer resins for blow molding applications

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME

CITY Robbinsville STATE ZIP CODE COUNTRY

Cheruvu; Subrahmanyam

NJ NJ

ŊJ

Nowlin; Thomas E.

West Windsor

Ong; S. Christine

Warren

Prasad; Giyarpuram N.

Melbourne

AU

Tong; Paul P.

Watchung

NJ

US-CL-CURRENT: 525/240; 525/247, 525/268, 525/270, 525/320, 525/324, 525/53

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Desc Image

23. Document ID: US 6143854 A

L8: Entry 23 of 30

File: USPT

Nov 7, 2000

KMIC

US-PAT-NO: 6143854

DOCUMENT-IDENTIFIER: US 6143854 A

TITLE: Polymerization catalysts, their production and use

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Bamberger; Robert Lee

Crosby

TX TX

Jejelowo; Moses Olukayode

Kingwood

US-CL-CURRENT: 526/348.1; 264/176.1, 526/348.2, 526/348.4, 526/348.6

Full Title Citation Front Review Classification Date Reference Sequences Attachments Errawi Desc Il Image

24. Document ID: US 6121402 A

L8: Entry 24 of 30

File: USPT

Sep 19, 2000

US-PAT-NO: 6121402

DOCUMENT-IDENTIFIER: US 6121402 A

TITLE: Polyethylene, thermoplastic resin composition containing same, and process

for preparing polyethylene

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

ZIP CODE COUNTRY NAME CITY STATE JΡ Machida; Shuji Sodegaura JΡ Sodegaura Shikuma; Haruo JΡ Hoshino; Ayami Sodegaura Sodegaura JP Takakura; Yutaka

US-CL-CURRENT: 526/352; 525/240, 525/338, 526/114, 526/119, 526/126, 526/127,

526/133, 526/134, 526/160

___ 25. Document ID: US 5747620 A

L8: Entry 25 of 30

File: USPT

May 5, 1998

US-PAT-NO: 5747620

DOCUMENT-IDENTIFIER: US 5747620 A

TITLE: Ethylene copolymer, thermoplastic resin composition containing same, and

process for preparing ethylene copolymer

DATE-ISSUED: May 5, 1998

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Machida; Shuji Sodegaura JΡ Shikuma; Haruo Sodegaura JΡ Hoshino; Ayami Sodegaura JΡ Takakura; Yutaka Sodegaura JP

US-CL-CURRENT: 526/348.3; 525/333.7, 525/338, 526/113, 526/114, 526/116, 526/160, 526/164, 526/348, 526/348.2, 526/348.5, 526/348.6

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Draw Desc Image

26. Document ID: US 5631069 A

L8: Entry 26 of 30

File: USPT

May 20, 1997

COUNTRY

BE

US-PAT-NO: 5631069

DOCUMENT-IDENTIFIER: US 5631069 A

TITLE: Medium modulus molded material comprising substantially linear polyethlene

and fabrication method

DATE-ISSUED: May 20, 1997

INVENTOR-INFORMATION:

Van Dun; Jozef J. I.

NAME CITY STATE ZIP CODE

Zandhoven

Wooster; Jeffrey J. Lake Jackson TX

Geussens; Theo L. V. Meeuwen-Gruitrode BE

US-CL-CURRENT: 428/220; 264/141, 264/209.4, 264/568, 525/198, 525/240, 526/348.3, 526/348.5

Full Title Citation Front	Review Classification		KWC
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___ 27. Document ID: US 4588775 A

L8: Entry 27 of 30

File: USPT

May 13, 1986

US-PAT-NO: 4588775

DOCUMENT-IDENTIFIER: US 4588775 A

TITLE: High toughness propylene polymer compositions

DATE-ISSUED: May 13, 1986

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

McCullough, Jr.; J. Douglas

Houston

TX

US-CL-CURRENT: 525/88; 524/261, 525/106, 525/211, 525/240, 525/97

Full Title Citation Front Review Classification Date Reference Sequences Attachments Draw Desc Image

KWMC

28. Document ID: US 3974132 A

L8: Entry 28 of 30

File: USPT

Aug 10, 1976

US-PAT-NO: 3974132

DOCUMENT-IDENTIFIER: US 3974132 A

TITLE: Process for curing olefin polymers

DATE-ISSUED: August 10, 1976

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Valdiserri; Leo L.

Washington

WV

US-CL-CURRENT: 524/87; 524/255, 524/258, 524/332, 524/334, 524/534, 525/263, 525/264, 525/265, 525/287, 525/331.8, 525/340, 525/387, 526/277, 526/339, 526/352, 526/352.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Drawn Desc Image

KOMO

29. Document ID: JP 57133136 A

L8: Entry 29 of 30

File: JPAB

Aug 17, 1982

PUB-NO: JP357133136A

DOCUMENT-IDENTIFIER: JP 57133136 A TITLE: POLYETHYLENE COMPOSITION

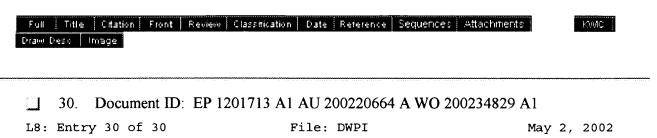
PUBN-DATE: August 17, 1982

INVENTOR-INFORMATION:

NAME COUNTRY

· SHICHI, YOSHIO SUGI, NORIO

US-CL-CURRENT: 525/240 INT-CL (IPC): C08L 23/06

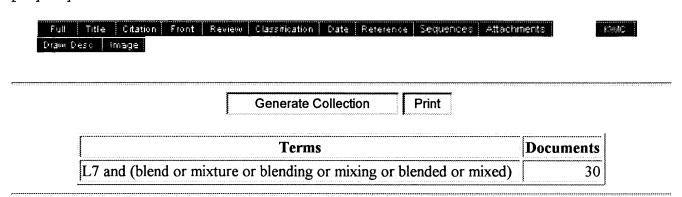


DERWENT-ACC-NO: 2002-559704

DERWENT-WEEK: 200260

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TITLE: Polyethylene resin for pipes and fittings, comprises specified amount of polyethylene fractions comprising linear low density polyethylene, and high density polyethylene



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